

DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES STATE OF FLORIDA
Reubin O'D Askew, Governor

hirs DISTRICT EIGHT
POLK COUNTY HEALTH DEPARTMENT

DIRECT SERVICE UNITS

1755 HOLLAND PKWY., SOUTH
BARTOW, FLORIDA 33830

111 NORTH 11TH STREET
HAINES CITY, FLORIDA 33844

305 WEST CENTRAL AVENUE
LAKE WALES, FLORIDA 33853

103 EAST CANAL STREET
MULBERRY, FLORIDA 33860

WILLIAM F. HILL, JR., M.D.
DIRECTOR

P.O. BOX 1480
228 AVENUE D, N.W.
WINTER HAVEN, FLORIDA
33880

January 25, 1978

DIRECT SERVICE UNITS

1333 NORTH FLORIDA AVENUE
LAKELAND, FLORIDA 33801

P.O. BOX 33
WAVERLY, FLORIDA 33877

2 NORTH REEDY BLVD.
FROSTPROOF, FLORIDA 33843

243 E. LAKE AVENUE
AUBURNDALE, FLORIDA 33823

Eddie C. Diaz, President
Land Development Technology & Analysis
2003 Pan Am Circle
Tampa, Florida 33607

Dear Sir:

Please find the enclosed aerial map with the gamma exposure levels recorded on it. The rates that were measured ranged from 8 to 20 micro roentgens per hour with an average level of 12.86 microR/hr. The Environmental Protection Agency's "Interim Recommendations for Radiation Levels", Federal Register, Volume 4, No. 123, states that if the external gamma levels exceed 10 micro R/hr then residential construction should be delayed pending additional study or acceptable radon control technology.

A limited number of radon emanation rates was run on the property. The mean emanation rate found was 217.56 aCi/cm²/second. This rate also exceeds the E.P.A. recommended limit of 50 aCi/cm²/second by a factor of four.

With proper site selection, preparation and proper control technology the problem can be greatly minimized, even eliminated.

We will be glad to work with you toward this end should you decide to develop this property.

Sincerely,



Donald R. Guthrie, P.E.
Sanitary Engineer

DRG:mmk



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